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2. **Surface Roughness of Heat Treated and Untreated Beech (Fagus sylvatica L.) Wood after Sanding**
By: Gurau, Lidia; Irlé, Mark; Buchner, Julia
BORESOURCES Volume: 14 Issue: 2 Pages: 4512-4531 Published: MAY 2019
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**Record 1 of 22****Title:** Resilient hemp shiv aggregates with engineered hygroscopic properties for the building industry**Author(s):** Hussain, A (Hussain, Atif); Calabria-Holley, J (Calabria-Holley, Juliana); Lawrence, M (Lawrence, Mike); Jiang, YH (Jiang, Yunhong)**Source:** CONSTRUCTION AND BUILDING MATERIALS **Volume:** 212 **Pages:** 247-253 **DOI:** 10.1016/j.conbuildmat.2019.03.327 **Published:** JUL 10 2019**Accession Number:** WOS:000471358200024**Author Identifiers:**

Author	Web of Science ResearcherID	ORCID Number
Jiang, Yunhong	O-9673-2017	0000-0003-3292-8164
Hussain, Atif		0000-0003-1774-6979
Calabria-Holley, Juliana		0000-0002-0764-9473
Lawrence, Mike		0000-0003-1923-4301

ISSN: 0950-0618**eISSN:** 1879-0526**Record 2 of 22****Title:** Visuo-tactile and topographic characterizations of finished wood surface quality by French consumers and industrials: acceptability thresholds for raised grain**Author(s):** Ramanakoto, MF (Ramanakoto, Miora F.); Ramananantoandro, T (Ramananantoandro, Tahiana); Eyma, F (Eyma, Florent); Castanie, B (Castanie, Bruno)**Source:** ANNALS OF FOREST SCIENCE **Volume:** 76 **Issue:** 1 **Article Number:** 26 **DOI:** 10.1007/s13595-019-0807-1 **Published:** MAR 2019**Accession Number:** WOS:000460386300001**ISSN:** 1286-4560**eISSN:** 1297-966X**Record 3 of 22****Title:** Hydrophobicity of hemp shiv treated with sol-gel coatings**Author(s):** Hussain, A (Hussain, Atif); Calabria-Holley, J (Calabria-Holley, Juliana); Schorr, D (Schorr, Diane); Jiang, YH (Jiang, Yunhong); Lawrence, M (Lawrence, Mike); Blanchet, P (Blanchet, Pierre)**Source:** APPLIED SURFACE SCIENCE **Volume:** 434 **Pages:** 850-860 **DOI:** 10.1016/j.apsusc.2017.10.210 **Published:** MAR 15 2018**Accession Number:** WOS:000419116600097**Author Identifiers:**

Author	Web of Science ResearcherID	ORCID Number
Blanchet, Pierre	C-2455-2014	0000-0002-6348-0289
Jiang, Yunhong	O-9673-2017	0000-0003-3292-8164
Lawrence, Mike		0000-0003-1923-4301
Hussain, Atif		0000-0003-1774-6979
Calabria-Holley, Juliana		0000-0002-0764-9473

ISSN: 0169-4332**eISSN:** 1873-5584**Record 4 of 22****Title:** Assessment of surface properties and solvent-borne coating performance of red oak wood produced by peripheral planing**Author(s):** Ugulino, B (Ugulino, Bruna); Hernandez, RE (Hernandez, Roger E.)**Source:** EUROPEAN JOURNAL OF WOOD AND WOOD PRODUCTS **Volume:** 75 **Issue:** 4 **Pages:** 581-593 **DOI:** 10.1007/s00107-016-1090-6 **Published:** JUL 2017**Accession Number:** WOS:000403365500009**ISSN:** 0018-3768**eISSN:** 1436-736X**Record 5 of 22****Title:** INFLUENCE OF PRESSING PARAMETERS ON SURFACE PROPERTIES OF COMPRESSED BEECH WOOD**Author(s):** Kudela, J (Kudela, Jozef); Resetka, M (Resetka, Marek); Rademacher, P (Rademacher, Peter); Dejmal, A (Dejmal, Ales)**Source:** WOOD RESEARCH **Volume:** 62 **Issue:** 6 **Pages:** 939-950 **Published:** 2017**Accession Number:** WOS:000424275700011**Author Identifiers:**

Author	Web of Science ResearcherID	ORCID Number
Dejmal, Ales	B-5147-2014	
Rademacher, Peter	B-9646-2014	

ISSN: 1336-4561**Record 6 of 22****Title:** Influence of Heat Treatment Duration on the Machinability of Beech Wood (*Fagus sylvatica* L.) by Planing**Author(s):** Hacibektasoglu, M (Hacibektasoglu, Murat); Campean, M (Campean, Mihaela); Ispas, M (Ispas, Mihai); Gurau, L (Gurau, Lidia)**Source:** BIORESOURCES **Volume:** 12 **Issue:** 2 **Pages:** 2780-2791 **DOI:** 10.15376/biores.12.2.2780-2791 **Published:** 2017**Accession Number:** WOS:000402883700040**ISSN:** 1930-2126**Record 7 of 22****Title:** Bonding Strength and Surface Roughness Properties of Wood Materials Impregnated with Vacsol-Aqua**Author(s):** Keskin, H (Keskin, Hakan); Kesik, HI (Kesik, H. Ismail); Temel, F (Temel, Fatih); Ozturk, Y (Ozturk, Yasemin)**Source:** KASTAMONU UNIVERSITY JOURNAL OF FORESTRY FACULTY **Volume:** 16 **Issue:** 1 **Pages:** 181-189 **Published:** 2016**Accession Number:** WOS:000408504400021

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Keskin, Hakan AAC-7953-2019		

ISSN: 1303-2399

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Title: Study on sanding force and sanding optimal parameters of Manchurian ash

Author(s): Xu, MJ (Xu, Meijun); Li, L (Li, Li); Luo, B (Luo, Bin); Xing, FR (Xing, Fangru)

Source: European Journal of Wood and Wood Products Volume: 73 Issue: 3 Pages: 385-393 DOI: 10.1007/s00107-015-0905-1 Published: MAY 2015

Accession Number: WOS:000353294300011

ISSN: 0018-3768

eISSN: 1436-736X

Record 9 of 22

Title: Quantitative assessment of the interfacial roughness in multi-layered materials using image analysis: Application to oxidation in ceramic-based materials

Author(s): Le Roux, S (Le Roux, S.); Deschaux-Beaume, F (Deschaux-Beaume, F.); Cutard, T (Cutard, T.); Lours, P (Lours, P)

Source: JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 35 Issue: 3 Pages: 1063-1079 DOI: 10.1016/j.jeurceramsoc.2014.09.027 Published: MAR 2015

Accession Number: WOS:000347664500022

ISSN: 0955-2219

eISSN: 1873-619X

Record 10 of 22

Title: Effects of sanding parameters on sanding force and normal force in sanding wood-based panels

Author(s): Luo, B (Luo, Bin); Li, L (Li, Li); Liu, HG (Liu, Hongguang); Wang, MZ (Wang, Mingzhi); Xu, MJ (Xu, Meijun); Xing, FR (Xing, Fangru)

Source: HOLZFORSCHUNG Volume: 69 Issue: 2 Pages: 241-245 DOI: 10.1515/hf-2014-0012 Published: FEB 2015

Accession Number: WOS:000348858800015

ISSN: 0018-3830

eISSN: 1437-434X

Record 11 of 22

Title: EFFECTS OF BELT SPEED, PRESSURE AND GRIT SIZE ON THE SANDING OF Pinus elliottii WOOD

Author(s): Alves, MCD (de Sampaio Alves, Manoel Cleber); Santiago, LFF (Frezatti Santiago, Luiz Fernando); Goncalves, MTT (Tiburcio Goncalves, Marcos Tadeu); Valarelli, ID (Valarelli, Ivaldo de Domenico); Varasquim, FMFD (Faria de Almeida Varasquim, Francisco Mateus)

Source: CERNE Volume: 21 Issue: 1 Pages: 45-50 DOI: 10.1590/01047760201521011216 Published: 2015

Accession Number: WOS:000351480200006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
de Sampaio Alves, Manoel Cleber	J-2700-2015	
Valarelli, Ivaldo	O-5585-2015	
ALVES, MANOEL	C-4859-2012	
Alves, Manoel C S	V-3345-2018	0000-0002-8938-5968
Varasquim, Francisco	Q-2070-2017	0000-0002-5130-3461

ISSN: 0104-7760

Record 12 of 22

Title: THE RESEARCH INTO THE QUALITY OF ROCK SURFACES OBTAINED BY ABRASIVE WATER JET CUTTING

Author(s): Mlynarczuk, M (Mlynarczuk, Mariusz); Skiba, M (Skiba, Marta); Sitek, L (Sitek, Libor); Hlavacek, P (Hlavacek, Petr); Kozusnikova, A (Kozusnikova, Alena)

Source: ARCHIVES OF MINING SCIENCES Volume: 59 Issue: 4 Pages: 925-940 DOI: 10.2478/amsc-2014-0064 Published: DEC 2014

Accession Number: WOS:000346591600006

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mlynarczuk, Mariusz	L-2511-2018	
Mlynarczuk, Mariusz		0000-0003-4273-1162

ISSN: 0860-7001

eISSN: 1689-0469

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Title: INFLUENCE OF BELT SPEED, GRIT SIZES AND PRESSURE ON THE SANDING OF Eucalyptus grandis WOOD

Author(s): Varasquim, FMFD (Faria de Almeida Varasquim, Francisco Mateus); Alves, MCD (de Sampaio Alves, Manoel Cleber); Goncalves, MTT (Tiburcio Goncalves, Marcos Tadeu); Santiago, LFF (Frezatti Santiago, Luis Fernando); de Souza, AJD (Duarte de Souza, Alexandre Jorge)

Source: CERNE Volume: 18 Issue: 2 Pages: 231-237 Published: APR-JUN 2012

Accession Number: WOS:000307369600007

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Varasquim, Francisco	Q-2070-2017	0000-0002-5130-3461
ALVES, MANOEL	C-4859-2012	
de Sampaio Alves, Manoel Cleber	J-2700-2015	
Alves, Manoel C S	V-3345-2018	0000-0002-8938-5968

ISSN: 0104-7760

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Title: Roughness models for sanded wood surfaces

Author(s): Tan, PL (Tan, P. L.); Sharif, S (Sharif, Safian); Sudin, I (Sudin, Izman)

Source: WOOD SCIENCE AND TECHNOLOGY **Volume:** 46 **Issue:** 1-3 **Pages:** 129-142 **DOI:** 10.1007/s00226-010-0382-y **Published:** JAN 2012

Accession Number: WOS:000298993100011

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
sudin, izman	A-6746-2015	

ISSN: 0043-7719

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Title: Description and classification of rock surfaces by means of laser profilometry and mathematical morphology

Author(s): Mlynarczuk, M (Mlynarczuk, Mariusz)

Source: INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES **Volume:** 47 **Issue:** 1 **Pages:** 138-149 **DOI:** 10.1016/j.ijrmms.2009.09.004 **Published:** JAN 2010

Accession Number: WOS:000274549900012

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mlynarczuk, Mariusz	L-2511-2018	
Mlynarczuk, Mariusz		0000-0003-4273-1162

ISSN: 1365-1609

eISSN: 1873-4545

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Title: STEREOLOGICAL AND PROFIOMETRY METHODS IN DETECTION OF STRUCTURAL DEFORMATIONS IN COAL SAMPLES COLLECTED FROM THE ROCK AND OUTBURST ZONE IN THE "ZOFIOWKA" COLLIERY

Author(s): Mlynarczuk, M (Mlynarczuk, Mariusz); Wierzbicki, M (Wierzbicki, Mirosław)

Source: ARCHIVES OF MINING SCIENCES **Volume:** 54 **Issue:** 2 **Pages:** 189-201 **Published:** 2009

Accession Number: WOS:000268542800002

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Mlynarczuk, Mariusz	L-2511-2018	
Mlynarczuk, Mariusz		0000-0003-4273-1162

ISSN: 0860-7001

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Title: The Effect of Base Paper and Coating Method on the Surface Roughness of Pigment Coatings

Author(s): Wang, S (Wang, S.); Ihalainen, P (Ihalainen, P.); Jarnstrom, J (Jarnstrom, J.); Peltonen, J (Peltonen, J.)

Source: JOURNAL OF DISPERSION SCIENCE AND TECHNOLOGY **Volume:** 30 **Issue:** 6 **Pages:** 961-968 **Article Number:** PII 911744457 **DOI:** 10.1080/01932690802646447 **Published:** 2009

Accession Number: WOS:000266436200027

ISSN: 0193-2691

eISSN: 1532-2351

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Title: Effects of atmospheric plasma activation on surface properties of pigment-coated and surface-sized papers

Author(s): Pykonen, M (Pykonen, Maiju); Sundqvist, H (Sundqvist, Henna); Jarnstrom, J (Jarnstrom, Joakim); Kaukonen, OV (Kaukonen, Otto-Ville); Tuominen, M (Tuominen, Mikko); Lahti, J (Lahti, Johanna); Peltonen, J (Peltonen, Jouko); Fardim, P (Fardim, Pedro); Toivakka, M (Toivakka, Martti)

Source: APPLIED SURFACE SCIENCE **Volume:** 255 **Issue:** 5 **Pages:** 3217-3229 **DOI:** 10.1016/j.apsusc.2008.09.033 **Published:** DEC 30 2008

Accession Number: WOS:000261299200115

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Fardim, Pedro	C-2641-2013	0000-0003-1545-3523

ISSN: 0169-4332

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Title: Roughness of pigment coatings and its influence on gloss

Author(s): Jarnstrom, J (Jarnstrom, J.); Ihalainen, P (Ihalainen, P.); Backfolk, K (Backfolk, K.); Peltonen, J (Peltonen, J.)

Source: APPLIED SURFACE SCIENCE **Volume:** 254 **Issue:** 18 **Pages:** 5741-5749 **DOI:** 10.1016/j.apsusc.2008.03.043 **Published:** JUL 15 2008

Accession Number: WOS:000256815000017

ISSN: 0169-4332

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Title: Method for evaluating the influence of wood machining conditions on the objective characterization and subjective perception of a finished surface

Author(s): Coelho, CL (Coelho, Cristina L.); Carvalho, LMH (Carvalho, Luisa M. H.); Martins, JM (Martins, Jorge M.); Costa, CAV (Costa, Carlos A. V.); Masson, D (Masson, Daniel); Meausoone, PJ (Meausoone, Pierre-Jean)

Source: WOOD SCIENCE AND TECHNOLOGY **Volume:** 42 **Issue:** 3 **Pages:** 181-195 **DOI:** 10.1007/s00226-007-0166-1 **Published:** MAR 2008

Accession Number: WOS:000254208100001

Author Identifiers:

Author	Web of Science ResearcherID	ORCID Number
Martins, Jorge Manuel	S-5983-2017	0000-0002-1189-0497
de Carvalho, Luisa Hora	H-5550-2019	0000-0003-4557-7113

Lima Coelho, Cristina	0000-0002-0733-9686
costa, carlos	0000-0003-3136-9049
Martins, Jorge Manuel	0000-0003-2200-0709

ISSN: 0043-7719

Record 21 of 22**Title:** QUALITY OF FINISHED SURFACES FOR LIGNIN-CELLULOSE BASED MATERIALS**Author(s):** Boieriu, C (Boieriu, Camelia); Curtu, I (Curtu, Ioan); Timar, MC (Timar, Maria Cristina); Lica, D (Lica, Dumitru)**Edited by:** Katalinc B**Source:** ANNALS OF DAAAM FOR 2008 & PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM **Book Series:** Annals of DAAAM and Proceedings **Pages:** 137-138 **Published:** 2008**Accession Number:** WOS:000262860100068**Conference Title:** 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing**Conference Date:** OCT 22-25, 2008**Conference Location:** Trnava, SLOVAKIA

ISSN: 1726-9679

ISBN: 978-3-901509-68-1

Record 22 of 22**Title:** Roughness evaluation of machined surfaces of wood**Author(s):** Okuwura, S (Okuwura, Shogo); Fujiwara, Y (Fujiwara, Yuko)**Source:** MOKUZAI GAKKAISHI **Volume:** 53 **Issue:** 4 **Pages:** 173-179 **Published:** 2007**Accession Number:** WOS:000249613100001

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